



Editorial

بِسْمِ تَعَالَى

السلام عليكم

Dear Believers,

ONCE upon a time long long ago sometime between the ice-age and the stone age there existed something **loved** and **cherished** by the believers.

Recently, people were of the opinion that it was extinct, close examination of a few **fossils** unearthed what many believed to be the case.

Then something magical happened, the believers started questioning openly about the existence of what they held so close to their hearts for which it seemed that the wait was like a **few million light years**.

Soon it was clear to the **believers** that they would have to take the task in their own hands. A **group** came together and started motivating each other, they knew they had nothing to lose, they were exposed to the conditions and each hurdle was overcome with **courage**.

Ideas started to flow, one thing led to the other, soon we had **creativity** and **innovation** at our finger tips.

The **outcome** is in your hands, as you turn the leaves you will come across evidence that what a little **motivation** can lead to.

This is the first issue in the history of **AL BADAR SCHOOL** which is designed by a young believer, namely **IZHAR AHMED** - a jewel of a craftsman whose **natural talent** would embarrass many who are at it for years and still he is so down to earth, a true believer indeed. **Masha'Allah**.

It doesn't end here, the **theme, ideas, terms, typing, writing, composing, editing** all was carried out by the project team '**Team huffaz**' - a select group with a flair to strive against all **odds**.

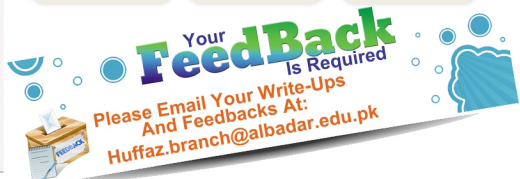
If we read between the lines there is a lesson for all of us - the 'elder believers'

I solemnly pray to **Allah (S.W.T)** that we take this lesson in a positive stride for the upheaval of the **Muslim Ummah**.

Aameen.

Aamer Khalid

Credits		
Posts Of The Boys	Names Of The Boys	Classes Of The Boys
The Success Of The Young Believer Stood Upon Those		
Project Manager	Syed Izhar	Class X Science
Designer	Syed Izhar	Class X Science
Editor In Chief	Abdullah Noor	Class X Science
Executive Editor	Abdullah Rafiq	Class X Science
Editor	Shaheer Suleman	Class X Science
Editor	Wahaj Maqsood	Level 3 C
Sub Editor	Ammar Inam	Class X Science
Sub Editor	Humayoun Hanif	Level 3 B
Sub Editor	Inshall Arif	Level 3 B
Sub Editor	Ammarullah Khan	Level 3 B
Typist	Hassan Kamdar	Class X Science
Typist	Osama Naveed	Class X Science
Typist	Abdullah Jawed	Class X Science
Regular Contributor	Yusha Ali	Level IV C
Regular Contributor	Hammad Hassan	Level IV A



Lost Glory Of Muslim Scientists

Article Forwarded By:

Muhammad Hassan Kauldar And Muhammad Hammad Hassan
X Science And Level 4 A

New Innovations Of Muslim Scientists

Article Forwarded By:

Wahaj Magsood (Level 3 C)

IBN AL - HAITHAM

INTRODUCTION:

Abu Ali al-Hasan bin al- Haitham (965 in Basra 1040 in Cairo) was a prominent scientist and polymath from the "Golden Age" of Muslim Civilization. He is described as the **"World's first True Scientist"**. He lived mainly in Cairo dying there at age of 74. Basra was a "key beginning of learning" and he educated there and in Baghdad.

CONTRIBUTIONS AND IMPACT ON MODERN SCIENCE:

- He was the first person to test hypothesis with verifiable experiments, developing the scientific method more than **200 years** before European scholars learned of it.
- He was the first person to apply algebra to geometry founding the branch of mathematics known as **"Analytic Geometry"**.
- His 11th Century **camera obscura** greatly influenced Renaissance European optics
- Ibn Al Haitham's studies of the eye gave the first modern understanding of **lens, retina and optic nerve** as well as the mechanics of vision and perception.
- Ibn Al Haitham's experiments laid much of the groundwork for other scientific fields and enabled the European **telescope** and Leeuwenhoek's **microscope** both still in use today.
- He developed a highly successful theory which explains the process of vision as rays of light proceeding to the eye from each point on object, which he proved through the use of **experimentation**.
- He is also considered to be the founder of experimental psychology for his approach to visual perception and **optical illusions**.
- He wrote more than **200** works on a wide range of subjects ,of which at least **96** of his scientific works are known.
- He studied the **mechanics** of motion of a body and was a person to maintain a body moves endlessly unless an external force stops it or changes its direction of motion. This would seem equivalent to the **first law of motion** And he also developed the **2nd and 3rd law of motion**.
- He also discussed much about Law of Gravitation before Newton.
- He had also discussed the theories of attraction between masses, and it seems that he was aware of the magnitude of **acceleration due to gravity**.

Egyptian Scientist Saved Japan

NEARLY three years ago, on 11 March 2011 a tsunami and earthquake hit Japan killing 15,883 people and displacing 340,000. It also caused extensive damage to buildings, railroads and homes amounting to 122 billion dollars. In the aftermath of the incident, the Fukushima Daiichi Nuclear Power Plant in east Japan was subjected to several equipment failures and accidents which led to leaking of many radioactive materials in the pacific ocean starting from 12 March.

Following this environmental disaster scientists from all over the world worked to fight off the growing danger of contaminated water.

Professor Sherif EL Safty an Egyptian born-and-raised chemist and expert in Nanotechnology developed a Nano-material which enabled simple, quick and efficient detection and removal of pollutants from water. No matter how small an amount of any pollutant is present in water, these nanomaterials can capture the pollutants quickly and absorb them, showing a colour change which is visible to the naked eye, indicating the removal of pollutants and contaminants. This material and method has proved its efficiency in solving both large-scale and small-scale problems concerning pollution.

Professor EL-Safty believes that nanotechnology has potential to solve major problems especially in fields such as environmental pollution, agriculture and medicine.

If given enough attention and development, methods like this one and many others based on nanotechnology which are currently under development can truly affect the impact of environmental pollution on the world and reduce it noticeably.

The ever-so-quick spreading of pollution is a warning for environmental organizations to start focusing on quick and efficient ways such as this one to eliminate the threat of pollution and restore our planet to its former clean and healthy glory.



Mother's Love

ALI said, I always hated my mom because she had only one eye that made her very ugly. After getting married, I had never meet her. But before her death she wrote me a letter saying "O my dear son you have been **hating** me throughout your whole life, because I had only one eye but before leaving this world I want to disclose you that in your childhood you had accidently lost your one eye in case of **making** you beautiful, I donated one of my eye to you and I still love you."

Ammarullah
Level 3-C Khan

Physics

Physics, the difficult subject ever
In future I would I study it never.

Yucky derivations that make my brain shatter
Biology, I think is somehow better.

Converging and diverging types of lens
Will ban this subject if I ever get a chance.

Equations of motions, I hate to derive
How hysterical I was, when I first it strive.

The formulae and units of the physical quantity
The person who started it, was crazy I have surely.

Learning this subject is what I hate to do
The diagrams drive me crazy and their labeling too

This is the Work and this is the Energy
Proving their formulae make me crazy

The physician of this world I don't know how they did
Study this boring subject so repulsive and sordid.

Do not take it serious, we're just joking !!
Physics is the interesting subject, it's not boring

Poem Written By: Shaheer Suleman X Science

Angel Inchange Of Provision

Abu hurayrah* narrated that the Prophet ﷺ said, some of Allah's angels are appointed over the provision of the children Adam*. Allah says to them if you see anyone who has given up all anxiety for just which is to seek Allah's pleasure then make the heavens and the earths and the children of Adam* responsible for his provision to be delivered to him and if you see anyone looking about for his provision and he does it fairly then make it good and easy for him, but if he is unfair then untrust him to his desire and move aside. that man does not find provision more than what Allah has decreed for him. ▼

Forwarded By: Hassan Talha (X Science)

Why People Keep Pets?

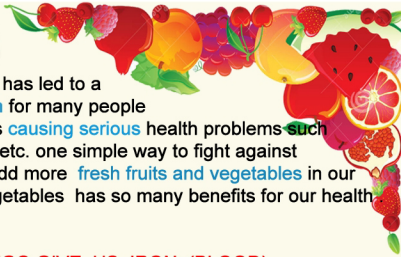
PETS are a common occurrence in modern society. Pets are animals that have been tamed. A lot of people keep pets. Each and every one of them driven by a desire or reason to keep pets. Some keep them to **play** when ever **bored**, some simply can't bear **watching** them suffer on the streets and take them in hoping to be forgiven for other sins they have committed. Many people also tamed **dangerous animals** such as **snakes** and **crocodiles** just for the challenge of it and then show them off as symbols of power. In **Islam** it is said that helping an animal in any way counts as a **tremendous** step towards one of the doors of the Heaven, making this a reason why many Muslims keep pets. However, while it is a good thing to help animals, it is said in a hadith that "Angels will not come to a home that has either a **dog** or **picture** in it" making it forbidden to keep dogs as pets in **Islam**. Overall keeping pets is a very good thing in **Islam**, with the obvious exception of dogs. The most common pets in our **country** are parrots and fishes but there are many more. My favourite pet is a **Tortoise** because I am mesmerised by its slow but steady movements and how it can survive on both **land** and on **water**.

Written By:
Wahaj Maqsood
LEVEL: 3-C

HEALTHY Habits

DO'S
AND
DON'T'S

Do's



TODAY'S modern world has led to a major **health problem** for many people a **poor diet**. And this is **causing serious** health problems **such as** increase in **cancer** etc. one simple way to fight against these **diseases** is to add more **fresh fruits and vegetables** in our daily life fruits and vegetables has so many benefits for our health like :

- 1- APPLE AND MANGO GIVE US IRON (BLOOD).
- 2- BANANA GIVE US FIBER .
- 3- CARROT (Juice)HELPS TO IMPROVE EYESIGHT.

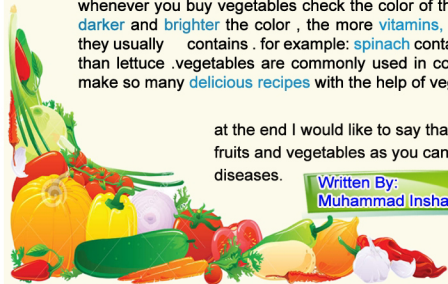
Except that there are many other **fruits and vegetables** which helps to control your health. more than any other foods, they contain basic **vitamins** and **minerals** that are important for good health and to stop diseases.

fruits come in two seasons, **summer and winter**. I like the winter season most because my favorite fruit **orange** comes in this season. orange also has one major **benefit** about winter. we need very little amount of water in winter, because of **cold environment** , but water is the most **compulsory ingredient** for our health(**so what we've to do for drinking water?**)you have to eat only one orange and this will give your body about four **glass of water** in the form of orange.

now I am going to tell one easy way to find **healthy veggies** and that is whenever you buy vegetables check the color of the vegetables , the **darker and brighter** the color , the more **vitamins, minerals** and **fiber** they usually contains . for example: **spinach** contains more nutrients than lettuce .vegetables are commonly used in cooking and we can make so many **delicious recipes** with the help of vegetables.

at the end I would like to say that eat as more fruits and vegetables as you can to fight against diseases.

Written By:
Muhammad Inshall Arif (Level 3-B)



Facts-About-Health By Usama Naveed X Science

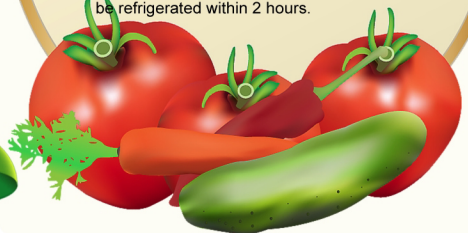
- Every time you sneeze your heart stops a second.
- The Ebola (Kind Of Virus) virus kills 4 out of every 5 humans
- Without the lining of mucus our stomach would digest itself.
- Our blood is on a 60,000-mile journey per day .



Health Tips By:

Inshall Arif, Humayoun Hanif, Wahaj Maqsood
From Level 3

- Exercise brings a great health benefits.It keeps us physically fit and energe. It also improves brain memory as well as strengthens heart,lungs,bone and muscle.
- Exercise produces hormones in the body which makes you feel happy.
- Bones must be made strong in childhood to prevent fractures later.Calcium is vital to make them strong which is largely found in milk and other dairy products.
- Milk also never makes you fat
- A balanced diet is essential for good health.Our food must be well-cooked and once it is prepared,it must be refrigerated within 2 hours.



Dont's CIGARETTE Smoking Is Injurious To Health.

The main constituents of cigarette are:

1. **NICOTINE** Which if in excess amount can cause **diseases** which are extremely **harmful and injurious** to health. Many diseases of lungs are caused by tobacco. The **victims** suffer from the **symptoms** as cough due to the diseases of **lungs** caused by tobacco.Human body breathes in and out via the **respiratory system**. The fresh air containing oxygen goes in the body through **nasa** openings to the lungs and the surplus **CO₂** is expelled. The cigarette smokers get their lungs adversely affected by tobacco.Human body needs the oxygen in a significant quantity which the body of a cigarette smoker cannot get.The two other **extremely dangerous** substances used in cigarette are **2.TAR** and **3.CARBON MONO-OXIDE**. These two substances are also extremely dangerous to health and if taken in a bigger amount, could be **fatal**.Today in our country and in all over the world in many countries, the **legal supply** of this deadly substance is going on. The companies, making cigarettes have got **license** of doing so people who are not cigarette smokers can also be **affected** by this as it is supplied in all over the world freely. The production of cigarette is **increasing day by day** and more people of many countries are affected. The number of cigarette smokers are increasing day by day and got **severely affected** with suffering from a number of harmful diseases.This extreme **supply and production** of cigarettes,all over the world and increasing cigarette smokers also affects the people who are not cigarette smokers. The people living with or working near smokers are also badly affected and are also considered as smokers. They are termed as **passive smokers**.The legal supply of cigarettes should be stopped in order to control the number of smokers and to save the other people from being affected by the deadly substance. The stopping of legal supply can help in controlling the production of cigarettes.The passive smokers will also be saved and the daily smokers who will not get it can also be saved from **being affected** by the dangerous and injurious to health cigarette. **Government** and **Health Ministry** should take the action and the people individually should also make efforts to stop it. This will be very helpful in saving people from the deadly product.In addition to this, now a days the most popularly sold drug is **Sheesha** in which our **young generation** is involving day by day. It contains **Tobacco(flavoured)** and carbon smoke which is **extremely dangerous** to health.

Written By:
Abdullah Noor (X Science)



Letters To The Editor

Respected Editor:

السلام عليكم , Via your monthly MAGAZINE we, the students of L-4C want to request the management that, Cricket should be made a part of our Annual sports day, because cricket is a game in which 11 Players can play at a time from each team. While in Basketball only 6 players can play at a time from each team. This is a good team work and more students can have a chance to appear as a team member in the sports team. So we hope you will include cricket in our Annual sports day.

Jazakallah

From Level 4-C

Respected Editor:

السلام عليكم , I want to request the management of the school via your magazine that:

1. The main problem of our school is that there is no good English environment created yet which does not give chance to the students to polish their skills.
2. Our Teachers Transfer Within a Few weeks. These changes badly affect our studies.

Jazakallah

Respected Editor: I want to request the Principal of the school via your magazine that:

1) There should be a CCTV camera for safety which keep an eye on every person, which can make us safe from lots of incidents.

2) Educational field trips should be arranged to enhance children's understanding different concepts.

I hope our suggestions will be considered and our school can become a safe and better place to study. Jazakallah

**From Humayoun Hanif
Level 3-B**

Game's Answer

Riddle By Shaheer
Suleman Answer:
Coffins
Riddles By Hassan
Hanif Answer:
The Moon
Islamic Quiz By Muhammad
Abdullah Jawed Answer:
Q:1) Hazrat Nuh
Q:2) Hazrat Muhammad
Q:3) Hazrat Isa
Q:4) 12

River Test

og lliv orlW	og lliv orlW
cob bns qob	cob bns qob
cob bns qob	cob bns qob
cob bns qob	cob bns qob
cob bns qob	cob bns qob
cob bns qob	cob bns qob
cob bns qob	cob bns qob
cob bns qob	cob bns qob
cob bns qob	cob bns qob
cob bns qob	cob bns qob
cob bns qob	cob bns qob
cob bns qob	cob bns qob

ART GALLERY

INCLUDES
☆ Calligraphy Photos
☆ Created Arts
☆ Event Photos

Calligraphy



Talha Abu Bakr Level 2-A



Muhammad Ahmed X Science
Calligraphy 1st Position



Muhammad Ukkashah Level 2-B



Muhammad Okasha Level 2-B



Abdullah Abdur Raheem level 2-B

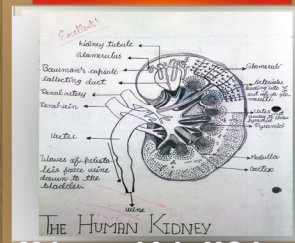


Abdur Rafay Level 2-A

Created Arts



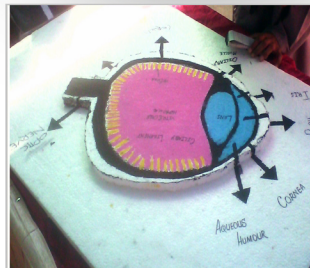
Muhammad Irbaz Zia Level 4-A



Muhammad Asim X Science
Science Exhibition



Muhammad Uzair Level 3-C



RESULTS WING

INCLUDES

- ☆ Curricular Activity Results
- ☆ Co-Curricular Activity Results
- ☆ ANNOUNCEMENTS

Scientist Of The Year: Syed Izhar

Science Exhibition Result Primary

Best Model	Cement Factory		Level 2-A
Muhammad Kareem	Umer Mateen	Anas Akhtar	Jawad Aamir

Best Working Project	Water Level Indicator	Level 2-B
Ahmed Raza	Samiullah	

Lower Secondary

Best Model	History Of Wheel			Level 3-A
Farrukh Niaz	Ahmed	Affan	Ghulam Mustafa	Waleed

Best Working Project	Fertility Of Soil	Level 4-C		
Saariyah	Umair Ansari	Ukasha Shahid	Ibrahim Yousuf	Hamdan

Secondary

Best Model	Importance Of Forest		Level IX Sci A	
Hammad	Zubair	Usama Abdul Rehman	Usama Junaid	Ahmed

Best Working Project		Rock Python		Level X Sci	
Shahzaib	Hamza	Zarak Afridi	Muneeb Khalidi	Ibrahim	Saleem

Best Computer Project	Soft Solutions	Level X Sci
Syed Izhar	Hassan Kamdar	Abdullah Jawed

S.S.C Part 1 (IX Science) Board Result

Highest Percentage:	91%	Shahzaib Shahzad
2nd Highest Percentage:	89%	Shaheer Sulaiman
3rd Highest Percentage:	89%	Umar Farooq

Urdu Calligraphy Competition

Primary Section:

Level 1

1st Position:	Tayyab Naveed	Level 1
2nd Position:	Abdul Hadi	Level 1
3rd Position:	Muhammad Asad	Level 1

Level 2

1st Position:	Nameer Akhtar	Level 2 B
2nd Position:	Abdullah Abdul Rehman	Level 2 B
3rd Position:	Saifullah Khan Amin	Level 2 B

Lower Secondary Section

1st Position:	Habib Usman	Level 4 B
2nd Position:	Farrukh Niazi	Level 3 A
3rd Position:	Sohaib Yameen	Level 4 B

Secondary Section:

1st Position:	Ahmed Noman	Class X Science
2nd Position:	Ahmed Abdul Raheem	Class X General
3rd Position:	Saad Zulfiqar	Class IX Science B

Urdu Idioms Contest

Winners: Farrukh Niazi, Syed Gulzar Level 3 A

Quran Majeed Competition

1st Position:	Taha Waseem	Level 3 B
2nd Position:	Ahmed Anwar	Class IX Sci A
3rd Position:	Anas Najeeb	Class IX Sci B

Recitation Of Quran Majeed Competition

Hadr

1st Position:	Shehryar	Class IX Sci A
2nd Position:	Syed Ali Imtiaz	Level 2 A
3rd Position:	Muhammad Bin Kareem	Level 2 A

Tarteel

1st Position:	Ahmed Ur Rehman	Class X Sci
2nd Position:	Blal Ali	Class IX B
3rd Position:	Ahsan Hanif	Level 2 A

Announcements

1. Sports Day Will Held On 1st February 2014
2. Prelims Of Class IX And X Will Start From 15th Febuary.
3. First Round Of Mathletes Competition Is Completed Has Been Completed On 21st January.

JOYMETRY

INCLUDES

☆ JOKES

☆ IQ TEST

☆ GAMES

☆ RIDDLES

Joke

A man asked to other man, why do you give boiled water to your hen?

He replied: So she could lay boiled eggs.

Forwarded By: Usman Muhammad Ashraf Level 1

Joke

Teacher: Why were you absent yesterday?

Student: I was ill.

Another Student: Sir he is lying, he was riding a bicycle yesterday.

Student: Actually sir I was going to call the doctor for me on bicycle.

Forwarded By: Musab Level 1

Joke

Usman to his friend Bilal, "I spent eight hours on my books of maths, last night."

Bilal (Surprisingly), "Eight hours!!!"

Hamza, "Yes, I put it under my pillow before going to sleep."

Forwarded By: Ukhsh Muhammad Irfan Level 1

Riddle By:

HASSAN HANIF X Science

I can be a half without getting thinner

I CAN shine with NO FIRE

I can be hidden but NEVER taken

I can stay dry while moving the ocean

what am I ?

Riddle By:

Shaheer Suleman X Science

The man who invented it does not want it

The man who bought it doesn't need it

The man who does it, does not know it

what is it ?

Rules



- 1) Only two persons can travel in a boat at once.
- 2) Mother did not like the two sons therefore she will slap them in absence of the father.
- 3) Father did not like the two daughters therefore he will slap them in absence of the mother.
- 4) Robber can harm any family member in absence of the cop.
- 5) Mother, father and cop know how to use the boat.

Introduction

This picture includes a father and mother, two sons and two daughters, a robber, and cop all of them wanted to go at the other bank of the river but they have only one boat. Tell us how they can cross the river.

Game: River Test

Forwarded By: Abdullah Rafiq

Class: X Science



Islamic Quiz

By: Abdullah Jawed And Muhammad Asim X Science

Q:1) Which Prophet's nation was destroyed by flood?

Q:2) Who was the only Prophet from among the descendants of Hazrat Ismail ?

Q:3) The miracle of bringing the dead back to life was granted to whom?

Q:4) How many sons did hazrat yaqub have?

Metro

دنیا کی بہترین آگریٹیاں

میرا دارکاری دھر یہ خوشی میں کو شہ 38 سالوں سے
پاکستان اور دنیا کے 52 سے زائد ممالک میں موجود ہے۔

